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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
P.O. Box 1450
Alexandria, Virginia 22313-1450

ATTORNEY VERIFICATION OF DATES:

APPLICATION NUMBER

10/608,245

FILING OR 371 (c) DATE

06/27/2003

FIRST NAMED APPLICANT

Charles A. Welsh

ATTORNEY DOCKET NUMBER

WLH-10-5743

023266

DRIGGS, LUCAS, BRUBAKER & HOGG CO., L.P.A.
DEPT. DLBH
8522 EAST AVENUE
MENTOR, OH 44060

CONFIRMATION NO. 8576

FORMALITIES LETTER



OC000000010911314

Date Mailed: 09/23/2003

NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has been accorded to the above-identified nonprovisional application papers; however, the following item(s) appear to have been omitted from the application:

- Page(s) 7 of the specification (description and claims).

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit **must** be filed within **TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date **must** be filed within **TWO MONTHS** of the date of this Notice.

Applicant is advised that generally the filing fee required for an application is the filing fee in effect on the filing date accorded the application and that payment of the requisite basic filing fee on a date later than the filing date of the application requires payment of a surcharge (37 CFR 1.16(e)). To avoid processing delays and payment of a surcharge, applicant should submit any balance due for the requisite filing fee based on the later filing date being requested when submitting the omitted items(s) and the petition (and petition fee) requesting the later filing date.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (i.e., the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any

omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabeled drawing figures, is required. A copy of the drawing figures showing the proposed changes in red ink should accompany with any drawing changes. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

MDuong

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Charles A. Welsh)	Examiner:
)	
Serial No. 10/608,245)	Art Unit: 3677
)	
Filed: June 27, 2003)	Conf. No. 8576
)	
For: HUB AND METHOD FOR STORAGE)	
OF A SPIGOT CAP)	

Attorney Docket No. WLH-10-5743

PETITION TO RETAIN ORIGINAL FILING DATE
under 37 C.F.R. 1.181

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Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This petition is filed in response to the NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION filed under 37 C.F.R. 1.53(b). In the notice, the U.S. Patent & Trademark Office (USPTO) indicated that page(s) 7 of the specification was missing.

Applicant through the undersigned herewith petitions the Assistant Commissioner for Patents to retain applicant's original filing date of June 27, 2003. Applicant respectfully submits that the USPTO acknowledges that all pages were filed in the USPTO as of the effective filing date of June 27, 2003. As evidence of this fact, the applicant submits herewith a copy of the return post card acknowledged by the USPTO indicating the receipt of an application having 7 pages of specification. Section 503 of the MPEP states that "A postcard receipt which itemizes and properly identifies the items which are being filed serves as *prima facie* evidence of receipt in the USPTO of all the items listed thereon on the date

stamped thereon by the USPTO.”. On this basis, applicant respectfully submits that the USPTO should retain the original filing date.

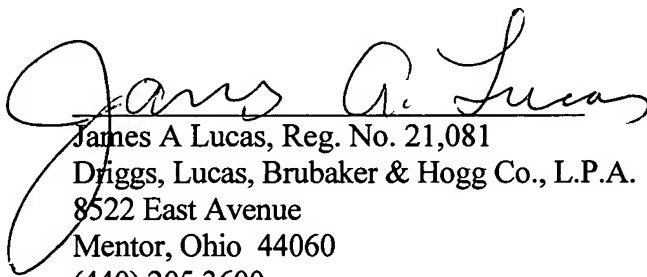
In addition, applicant respectfully submits that it is entirely improper and unfair to the applicant for the Patent Office to attempt to rebut this evidence nearly 3 full months after the originally assigned filing date. This can truly create consequences that are inconsistent with the governmental mandate to “...promote the...sciences...” and that are inimical to the applicant’s quest of statutory protection for an invention.

Notwithstanding the applicant’s assertion that a full and complete copy of the application was submitted to the USPTO on June 27, 2003, applicant includes an additional copy of the application including all related papers along with this petition for purposes of completeness.

Applicant respectfully requests that the original filing date of June 27, 2003 should be retained by the USPTO as the official filing date of the application. Accordingly, applicant respectfully submits that the petition fee of \$130 should not be charged to the designated deposit account, or if charged, should be credited to the account upon acceptance and allowance of this petition.

Respectfully submitted,

October 14, 2003
Date


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Attachments



10 - 15 - 03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Petition to Retain Original Filing Date under 37 C.F.R. 1.181

Docket No. WLH-10-5743

In re application of: Charles A. Welsh

Serial No.: 10/608,245

Filed: June 27, 2003

For: **HUB AND METHOD FOR STORAGE OF A SPIGOT CAP**

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a **Petition to Retain Original Filing Date Under 37 C.F.R. 1.181** for filing in the above-identified Application.

- ☐ No additional fee is required.
- ☒ The Commissioner is hereby authorized to charge payment of the \$130.00 fee associated with this communication or credit any overpayment to Deposit Account No. 50 0645. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. §1.16.
- ☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

CERTIFICATE OF MAILING UNDER 37 CFR 1.8	
I hereby certify that I am depositing the enclosed or attached correspondence with the United States Postal Service as Express Mail Post Office to Addressee in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
on <u>October 14, 2003</u>	
<u>Kathleen Kent</u>	
Name of person mailing paper	
<u>Kathleen Kent</u>	<u>10/14/2003</u>
Signature	Date
<u>EL 897035381 US</u>	
"Express Mail" Mailing Label Number	

By: James A. Lucas
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**APPLICATION
FOR
UNITED STATES LETTERS PATENT**

APPLICANT NAME: Charles A. Welsh

TITLE: HUB AND METHOD FOR STORAGE OF A SPIGOT CAP

DOCKET NO. WLH-10-5743

HUB AND METHOD FOR STORAGE OF A SPIGOT CAP

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

5 The invention relates to the storage of caps used to close off the outlet of water spigots and the like. More specifically, it relates to a storage hub for use in proximity to a spigot for storing such a cap when not in use.

DISCUSSION OF THE PRIOR ART

 Spigots or faucets (the two terms are used interchangeably herein) are common
10 fixtures in most residences as well as commercial and industrial establishments. These faucets typically include a body connected to a source of liquid such as water, a valve within the body, a valve handle to turn the spigot on or off and to control the rate of flow, and an outlet. Most outlets, particularly those used on the exterior of residences are provided with male threads so that they can be attached to garden hoses and the like.

15 Leaky faucets are a perpetual problem for homeowners and others. Slow drips and leaks, due to a failure to completely shut off the flow of liquid, and the normal wearing out of washers commonly used in the valve of the spigots, result in the dissipation and waste of the liquid and the attendant costs associated therewith. One temporary solution is to thread a cap onto the threaded end of the spigot to contain further
20 leakage. Also, the valve handle can be inadvertently turned on, possibly with disastrous results. During the use of the spigot, the cap must of necessity be removed from the outlet. However, once it is removed, there is an increased likelihood that the cap will become lost, damaged or misplaced.

BRIEF DESCRIPTION OF THE INVENTION

It is an object of the present invention to provide a convenient and easy to use storage hub for an outlet cap. Another object is the provision of a very inexpensive and effective means for minimizing the possibility of losing such a cap once it is removed
5 from the outlet of the spigot.

These and other objects and advantages which will be readily appreciated are achieved in the manner to be hereinafter described in detail.

The present invention relates to a hub used to store a spigot cap. The hub comprises a generally U-shaped body having a base and a generally cylindrical wall
10 provided with external threads. The hub includes means for securing the hub to a surface in proximity to a spigot. The body of the hub typically is made of a moldable or machineable polymeric or elastomeric material with the threads molded into the outer surface of the cylindrical wall. The body can also be made from a suitable metal with the threads cast or machined into the external surface to receive the outlet cap.

15 In one embodiment the base includes an axially extending hole for securing the hub to a mounting surface using a suitable fastener. The hole may be internally threaded for engaging a threaded stub at the end of the valve stem. In another embodiment, the hole is not threaded, but instead receives a bolt through the body of the hub for threadedly engaging a valve stem whereby the hub is secured to the handle of a spigot. If
20 the hub is to be mounted onto a surface such as a wall next to the spigot, a screw, nail or rivet can be used to secure it in place. Another option is for an axially extending threaded fastener to be molded or embedded in the external surface of the hub base. The hub may then be screwed into a structural surface in proximity to the spigot. Alternatively, the stub

can be threaded into a tapped hole in the top of the valve stem. Other alternatives are to magnetically secure the hub onto the top of the metal valve stem and handle, or to use an adhesive such as an epoxy or a methacrylate to anchor the hub to the valve handle or to the surface of an adjoining structure such as the side of a house or other building.

5 The invention also relates to a spigot for discharge of a fluid, the spigot including a handle, a valve stem and an outlet equipped with a cap. The spigot also includes a hub that serves to store a spigot cap. The hub comprises a generally U-shaped body having a base, a generally cylindrical wall with external threads to receive the spigot cap, and a fastener for securing the hub to a surface of the spigot. The hub may be secured to the
10 spigot handle or the valve stem using an attaching means such as an adhesive, a threaded valve stem, or a magnet attracted to a ferromagnetic material embedded in the plastic body of the hub, or to the hub itself if the hub is made from a magnetically attractable metal. The body of the hub can be made of a moldable or machineable polymeric or elastomeric material with the cap-receiving threads disposed along the external surface of
15 the cylindrical wall. The fastener can be a threaded fastener embedded in the base of the polymeric hub. A further alternative is for the hub and the valve handle to be molded, cast or machined from a singular piece of polymer, elastomer or metal to form a unitary part.

 The invention further relates to a method of safeguarding a spigot cap provided
20 with female threads, when the cap is removed from the threaded end of a spigot. The method comprises: a) providing a storage hub for the cap, said hub having male threads corresponding to the female threads on the cap; b) mounting the storage hub within easy reach of the spigot; and c) threading the cap onto the hub when the cap is not in use.

The storage hub can be mounted onto the stem of the valve or the valve handle.

Alternatively, the storage hub may be mounted onto a wall of a structure in proximity to the spigot.

BRIEF DESCRIPTION OF THE DRAWINGS

5 Figure 1 is an elevational view of the storage hub of the present invention;
partially cross-sectioned;

Figure 2a is an elevational view, partially in cross section, of a wall mounted spigot showing an outlet cap in use;

10 Figure 2b is another elevational view, partially in cross-section, of the spigot with
the outlet cap being stored;

Figure 3a is an enlarged view, partially in cross section showing a hub attached to the valve stem;

Figure 3b is another enlarged view, showing an alternative means for securing the hub to the valve stem;

15 Figure 4 is an elevational view of a hub with a molded-in threaded fastener;

Figure 5a is a front elevational view of a spigot, and a wall mounted storage hub;
and

Figure 5b is an elevational view, partially cross sectioned, showing a wall mounted hub shown in figure 5a.

20 DETAILED DESCRIPTION OF THE INVENTION

The present invention can be more easily understood by referring to the drawings that are included herewith. **Figure 1** is a view of the storage hub **32** in cross section. The hub comprises a generally cylindrical wall **38** and a base **34**. The wall **38** is provided

with external threads **44** adapted to receive the outlet cap (not shown). The base **34** optionally includes a cylindrical cut-away portion **46** that allows the base to fit within the rim of a valve handle. The external cylindrical surface between the cut away **46** and the threads **44** can be knurled or ribbed to permit the hub to be firmly grasped with the
5 fingers. As shown, the hub is hollow, and is provided with a threaded hole **48** extending through the base **34** for purposes of securing the hub to the handle or the valve stem.

Turning now to **Figures 2a** and **2b**, there is shown a spigot **10** joined to a pipe **24** extending through a flange **16** and through the wall **18** of a structure such as a house (not shown). The pipe **24** in turn connects to a source of liquid, such as water, under pressure.
10 The spigot includes a body **26**, a valve stem **40** extending into the body, and a threaded nut **22** to hold the valve in place and to prevent leakage between the body and the valve stem. The spigot has a discharge outlet **14**, typically provided with external threads **15** for attachment to a hose or other device to transport the liquid to a desired location. The spigot typically is cast from bronze or brass and has all of the standard features including
15 a valve handle **12** that are well known in the plumbing field.

Shown threaded on to the outlet **14** in **Figure 2a** is a cap **30** for preventing leakage from the spigot. A storage hub **32** is shown in **Figure 2a** mounted on the valve stem **40** on top of the handle **12**. **Figure 2b** shows the cap **30** mounted on the hub **32** for storage when not in use.

20 Two of the attachment options are shown in **Figures 3a** and **3b**. In **Figure 3a**, the valve stem **40** extends into the body **10** of the spigot and is secured thereto by the nut **22**. The valve stem includes a threaded stub **36** that receives a handle **12**. The base **34** of a hub **32** includes a threaded hole **48** that is threaded on to the stub **36** until the hub is

secured against the central portion of the handle 12. In **Figure 3b**, the valve body 10, the valve stem 40, the handle 12, and the lock nut 22 are as shown in **Figure 3a**.

However, the storage hub 32 is secured to the handle 12 by a bolt 42 threaded through the base 34 of the hub and into a tapped hole in the valve stem 40.

5 **Figure 4** provides another option for attaching the hub 32 to the handle or to the stem of the valve. The hub comprises a generally cylindrical wall 38 and a base 34. The wall 38 is provided with external threads 44 adapted to receive the outlet cap (not shown). The base 34 optionally includes a cylindrical cut-away portion 46 that allows the base to fit within the rim of a valve handle. As shown, the hub is provided with a
10 threaded stub 36 extending axially downward from the base 34 for purposes of threading the hub into the handle or the valve stem. The stub may be molded as a metal insert into the body of the hub. Alternatively, the stub can be molded or machined as an integral part of the hub.

Turning now to **Figure 5**, an alternative embodiment is shown for the temporary
15 storage of the cap. In **Figure 5a** the spigot 10 extends through wall flange 16 into the wall 18 and is connected to a source (not shown) of liquid. A conventional handle 12 is used as before to turn the flow of liquid on and off. Mounted to the wall 18 of the house or other structure is a hub 32, as previously described. The wall mounting can be achieved by the use of a screw 50 or a suitable adhesive, a bolt, nail or other suitable
20 fastener.

Figure 5b is a view of another storage hub 32 partially in cross section. The hub has a generally cylindrical wall 38 and a base 34. The wall 38 contains external threads 44 adapted to receive the outlet cap (not shown). As previously mentioned, the base 34

optionally includes a cylindrical cut-away portion 46 that allows the base to fit within the rim of a valve handle. To provide a larger surface area for the hub 32 to be adhesively or magnetically joined to the wall of a structure in proximity to a spigot, the base 34 of the hub does not contain any hole. If the hub is not fabricated from a material that is attracted to a magnet, it should be understood that a small disc of a magnetic material or a ferromagnetic material may be embedded in the base 34 of the hub 32, or adhered to the external surface of the base. A corresponding disc can likewise be attached to a wall near to the spigot. If the hub is to be adhesively attached to the structural surface, the base of the hub can be provided with an adhesive surface that is covered with a protective layer of film until ready to be mounted. Then the film is removed and the freshly exposed adhesive layer is pressed against the structure to securely attach the hub to the structure.

It should be understood that the objectives of the present invention can be achieved by other means as well as those articulated herein without departing from the scope and intent of the present invention. Thus, for example, the hub and the spigot handle can be fabricated as a single unit, either from metal or from a suitable polymer or elastomer using techniques well known in the fabrication art.

While the invention has been described in combination with embodiments thereof, it is evident that many alternatives, modifications and variations will be apparent to those skilled in the art in light of the foregoing teachings. Accordingly, the invention is intended to embrace all such alternatives, modifications and variations as fall within the spirit and scope of the appended claims.

WHAT IS CLAIMED IS:

1. A hub serving to store a spigot cap, said hub comprising a generally U-shaped body comprising a base, a generally cylindrical wall having external threads to engage the spigot cap, and fastening means for securing the hub to a surface in proximity
5 to an outlet of a spigot.

2. The hub according to claim 1, wherein the body is made from a material selected from the group consisting of moldable or machineable polymeric or elastomeric material, and metal.

10

3. The hub according to claim 1, wherein the threads are disposed on the external surface of the cylindrical wall.

4. The hub according to claim 3, wherein the cylindrical body is hollow.

15

5. The hub according to claim 4, wherein the base includes an axially extending hole for securing the hub to said surface in proximity to the spigot outlet.

6. The hub according to claim 5, wherein the hole is threaded to engage a
20 threaded stub projecting out of the stem of a spigot.

7. The hub according to claim 5, further including a bolt in the hole adapted to threadedly engage a valve stem whereby the hub may be secured to the handle of a spigot.

5 8. The hub according to claim 1, wherein the fastening means is selected from the group consisting of an adhesive fastener, a threaded stud onto which the hub is threaded, a magnetic fastener, a nail, a threaded bolt, and a screw.

9. The hub according to claim 8, wherein the fastening means is a threaded
10 fastener embedded in the base of the hub.

10. A spigot for discharge of a fluid including a handle, a valve stem and an outlet, equipped with an outlet cap, said spigot further including a hub serving to store a spigot cap, said hub comprising a generally U-shaped body comprising a base having
15 external threads to engage the spigot cap, a generally cylindrical wall, said hub secured to a surface of the spigot.

11. The spigot according to claim 10, wherein the hub is secured to the spigot handle.

20

12. The spigot according to claim 11, wherein the hub is secured to the handle using an attaching means selected from the group consisting of an adhesive, a threaded fastener, and a magnetic fastener.

13. The spigot according to claim 10, wherein the body of the hub is made of a moldable or machineable polymeric or elastomeric material or metal.

5 14. The spigot according to claim 13, wherein the fastening means is a threaded fastener embedded in the base of the hub.

15. The spigot according to claim 11, wherein the hub and the valve handle are unitary

10

16. A method of safeguarding a spigot cap provided with female threads, when the cap is removed from the outlet of a spigot, comprising the steps of:

a) providing a storage hub for the cap, said hub having male threads corresponding to the female threads on the cap;

15 b) mounting the storage hub within easy reach of the spigot; and

c) threading the cap onto the hub when the cap is not in use.

17. The method according to claim 16, wherein the storage hub is mounted onto the stem of the valve.

20

18. The method according to claim 16, wherein the storage hub is mounted onto a wall of a structure in proximity to the spigot.

ABSTRACT OF THE DISCLOSURE

A storage hub is described for the temporary storage of a cap of the type typically threaded onto the outlet of a spigot to prevent leakage. The hub comprises a generally U-shaped body that can be mounted on the valve stem of a spigot, on top of the handle.

- 5 Alternatively, it can be mounted on the wall of the structure on which the spigot is mounted. The hub has a generally cylindrical body provided with external threads onto which the cap is threaded. Several means are described for securing the hub to the spigot or to the adjoining wall structure. Among them is the use of magnetic attraction, a suitable adhesive, a nail, or a threaded fastener. An alternative is for the hub and the
- 10 valve handle to be a unitary structure. The hub can be made from a polymer, an elastomer or metal.

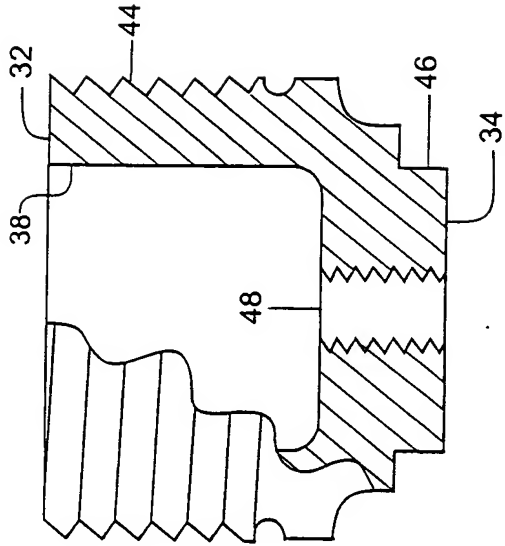


FIG. 1

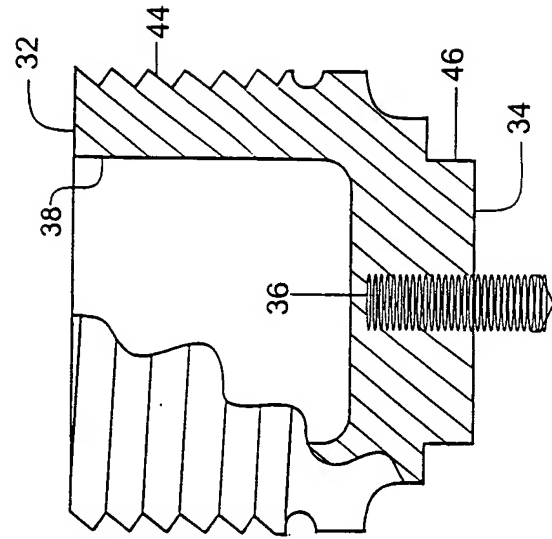


FIG. 4

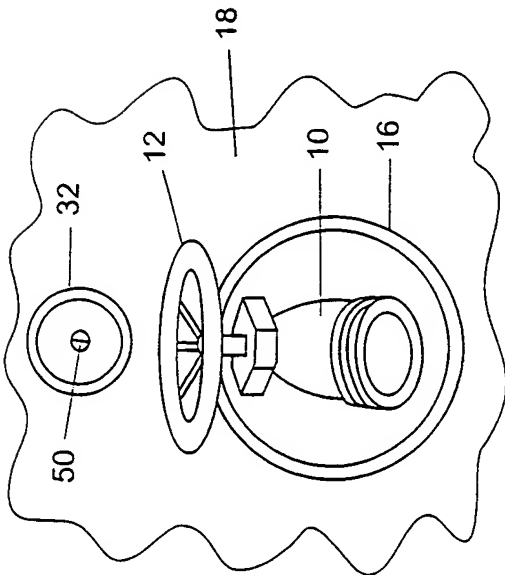


FIG. 5a

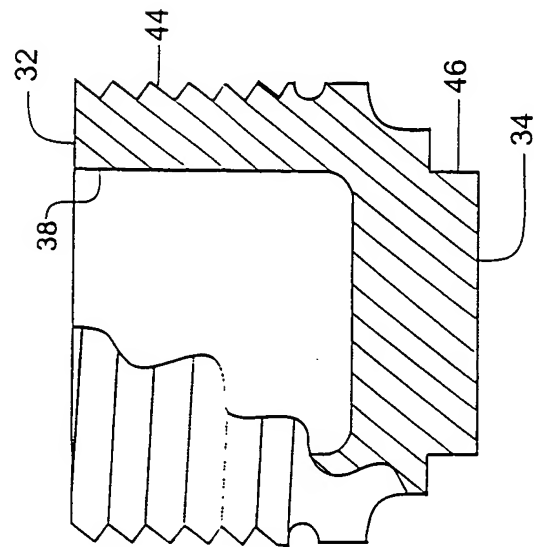
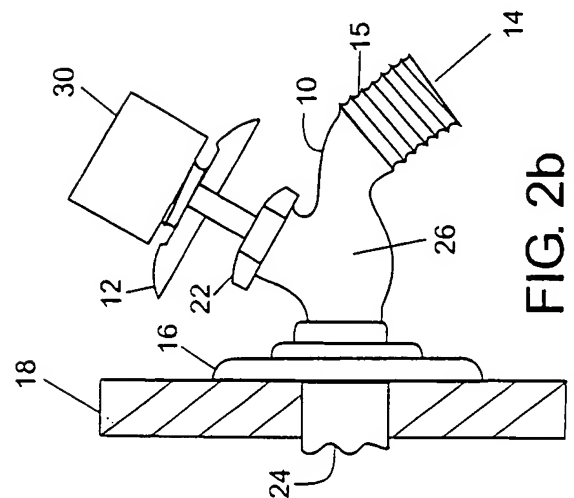
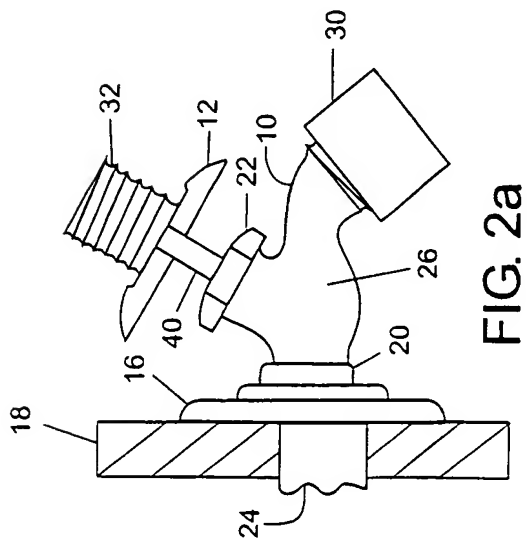
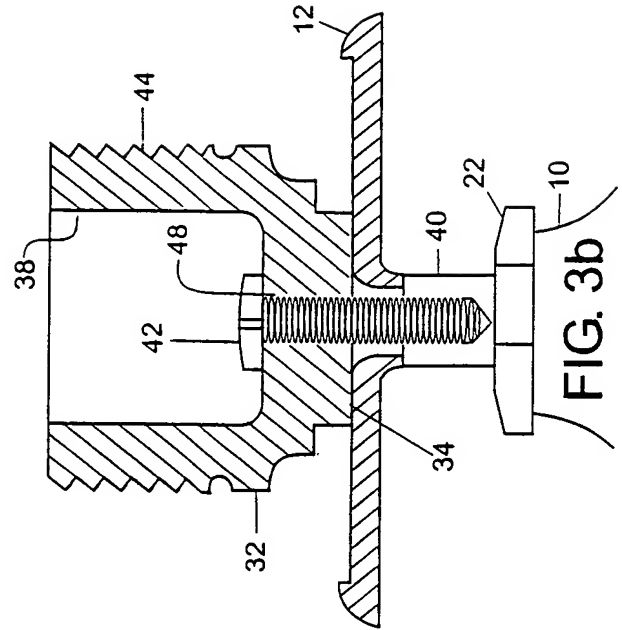
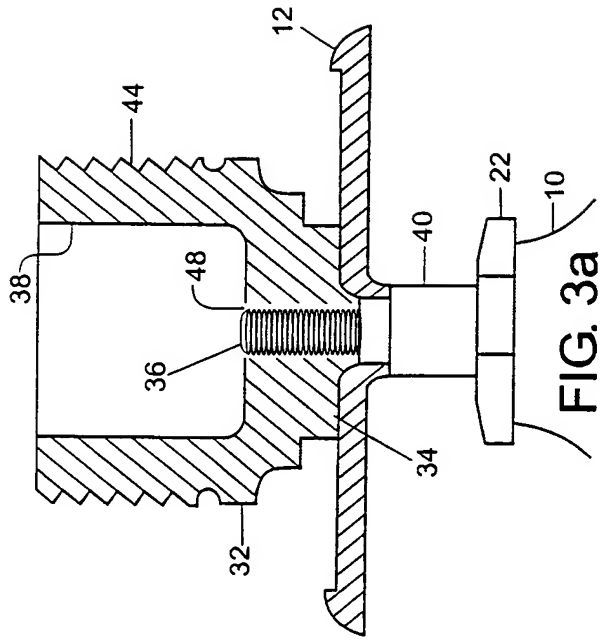


FIG. 5b



DOCKET NUMBER: WLH-10-5743**DECLARATION AND POWER OF ATTORNEY FOR
PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUB AND METHOD FOR STORAGE OF A SPIGOT CAP

the specification of which: (check one)

☒ is attached hereto.

☐ was filed on _____
under Attorney's Docket Number _____
as Application Serial No. _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

I hereby claim the benefit of foreign priority under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

(Number)

(Country)

(Day/Month/Year)

Priority Claimed
___ Yes x No

I hereby claim the benefit of United States priority under 35 USC 120 of any United States application(s) listed bellow and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial #)

(Filing Date)

(Status)

DOCKET NUMBER: WLH-10-5743

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

William N. Hogg	Reg. No. 20,156
James A. Lucas	Reg. No. 21,081
Patrick J. Daugherty	Reg. No. 41,697

Send correspondence to James A. Lucas, Driggs, Lucas, Brubaker & Hogg Co., L.P.A.



23266

PATENT TRADEMARK OFFICE

NAME OF SOLE INVENTOR: **CHARLES A. WELSH**

INVENTOR'S SIGNATURE: *Charles A. Welsh*

DATE 6-26-03

RESIDENCE: 2300 Beechersbrook Lane
Madison, Ohio 44057

CITIZENSHIP: United States of America

POST OFFICE ADDRESS: Same as above

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Welsh)	Examiner:
)	
Serial No.: To be assigned)	Art Unit:
)	
Filed: Herewith)	
)	
For: HUB AND METHOD FOR STORAGE)	
OF A SPIGOT CAP)	

Attorney Docket No. WLH-10-5743

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office, as required pursuant to 37 C.F.R. § 1.56.

Listed on the attached PTO form 1449 is information known to persons substantively involved in the preparation of the application identified above, and that a reasonable Examiner would consider important when deciding whether to allow the application. This document is not to be construed as a representation that a search to locate the most relevant information has been made, nor a representation that more pertinent information does not exist.

Copies of the information listed on the attached PTO Form 1449 are provided herewith.

The identification of any information herein is not intended to be, and should not be understood as being, an admission that such information, in fact, constitutes "prior art" within the meaning of applicable law. The "prior art" status of any information is a matter to be resolved during prosecution.

This Information Disclosure Statement is being filed with the application. Accordingly, it is not believed that any fee is required relating to the filing of this Information Disclosure Statement. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 500645.

Respectfully submitted,

Date: June 26, 2003
JAL:eg

By: James A. Lucas
James A. Lucas, Reg. No. 21,081
Customer No. 023266

Attachments

Subst. Form PTO-1449 APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: WLH-10-5743	Serial No.: To
	Applicant: Welsh	
	Filing Date: Herewith	Group:

U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	306,527	10/14/1884	Rueter			11/26/1883
	AB	519,879	05/15/1894	Sevens, Jr.			01/02/1894
	AC	1,595,676	08/10/1926	Merkert			06/19/1924
	AD	2,069,849	02/09/1937	Rich			03/23/1934
	AE	3,304,039	02/14/1967	Edelman et al	248	108	06/23/1965
	AF	3,602,244	08/31/1971	Ward	137	119	10/22/1969
	AG	4,167,259	09/11/1979	Bury	248	205 A	09/29/1977
	AH	4,653,711	03/31/1987	Marshall	248	205.3	11/22/1985
	AI	4,955,572	09/11/1990	Simmons	248	312	06/15/1989
	AJ	5,096,154	03/17/1992	Ellis	248	683	09/04/1991
	AK	5,197,605	03/30/1993	Hampton	206	582	06/24/1991
	AL	5,819,984	10/13/1998	Krueger	222	181.2	01/23/1997

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subcl.	Translation?
AM						
AN						
AO						

OTHER DOCUMENTS

AP	
AQ	
AR	
AS	
AT	

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICATION DATA SHEET

INVENTOR INFORMATION::

Inventor One Given Name::	Charles A.
Family Name::	Welsh
Postal Address Line One::	2300 Beechersbrock Lane
City::	Madison
State or Province::	Ohio
Postal or Zip Code::	44057
Citizenship Country::	United States

ASSIGNEE INFORMATION::

ASSIGNEE::	None
ASSIGNEE RESIDENCE::	

CORRESPONDENCE INFORMATION::

Correspondence Customer Number:: 023266

APPLICATION INFORMATION::

Title Line One::	HUB AND METHOD FOR STORAGE OF A
Title Line Two::	SPIGOT CAP
Total Drawing Sheets::	2
Formal Drawings?::	Yes
Application Type::	Utility
Docket Number::	WLH-10-5743

REPRESENTATIVE INFORMATION::

Representative Customer Number:: 023266

CONTINUITY INFORMATION::

This application is a::

> Application One::

Filing Date::

Patent Number::

PRIOR FOREIGN APPLICATIONS::

Foreign Application One:: **No**

Filing Date::

Country::

Priority Claimed::

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(13)(1)		First Named Inventor	Charles A. Welsh
		Title	HUB AND METHOD FOR STORAGE OF A SPIGOT CAP
		Atty Docket Number	WLH-10-5743

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12-26-03

Date

Charles A. Welsh

Signature

CHARLES A. WELSH

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.



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58-251/412

8867

6/27/2003

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Assistant Commissioner for Patents

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Three Hundred Seventy-five and 00/100***** DOLLARS

Assistant Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

O. Richard Sullivan

MEMO Application filing fee WLII-10-5743

000886711 0412025111 5102040900711

**NEW UTILITY PATENT APPLICATION
TRANSMITTAL**

DOCKET NO.
WLH-10-5743

TOTAL PAGES IN THIS SUBMISSION
3

**TO: MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS**

**P.O. B x 1450
Alexandria, VA 22313-1450**

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled:

HUB AND METHOD FOR STORAGE OF A SPIGOT CAP

and invented by:

CHARLES A. WELSH

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation

☐ Divisional

☐ Continuation -in -part (CIP)

in prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 11 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. ☐ Reference to Microfiche Appendix (*if applicable*)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (*if drawings filed*)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)
 - a. ☒ Formal
 - b. ☐ InformalNumber of Sheets 2
4. ☒ Oath or Declaration
 - a. ☒ Newly executed (*original or copy*) ☐ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
 - c. ☒ With Power of Attorney ☐ Without Power of Attorney

**NEW UTILITY PATENT APPLICATION
TRANSMITTAL**

DOCKET NO.
WLH-10-5743

TOTAL PAGES IN THIS SUBMISSION
3

Application Elements (Continued)

5. ☐ Incorporation by Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (*Appendix*)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (*identical to computer copy*)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (*cover sheet & document(s)*)
9. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☒ Certificate of Mailing
☐ First Class ☒ Express Mail (*Specify Label No.*): EL 897036118 US
15. ☒ Small Entity Status being claimed
16. ☒ Application Data Sheet
17. ☒ Additional Enclosures (*please identify below*):

Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)

**NEW UTILITY PATENT APPLICATION
TRANSMITTAL**

DOCKET NO.
WLH-10-5743

TOTAL PAGES IN THIS SUBMISSION
3

FEE CALCULATION AND TRANSMITTAL

CLAIMS AS FILED

1) For	2) Number Filed	3) Number Extra	Rate	Additional Fee
TOTAL CLAIMS (37 CFR 1.16(c))	18 - 20=	- 0 -	XS 9.00	- 0 -
INDEPENDENT CLAIMS (37 CFR 1.16(c))	3 - 3 =	- 0 -	XS42.00	- 0 -
First Pres. Of Multiple Dep. Claims		= 0		
Basic Fee		= 0		\$375.00
			TOTAL	\$375.00

- ☒ A check in the amount of \$375.00 to cover the filing fee is enclosed.
☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. 500645
as described below. A duplicate copy of this sheet is enclosed.
☐ Charge the amount of _____ as filing fee.
☒ Credit any overpayment or any deficiency.
☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17 to Account No. 500645.

Respectfully submitted,

Date: June 26, 2003

By: James A. Lucas
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JAL:cg

Enclosures

VERIFIED COPY OF ORIGINAL

Submitted

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)
Applicant(s): Charles A. Welsh

DOCKET NO.
WLH-10-5743

Serial No.
To be assigned

Filing Date
Herewith

Examiner

Group Art Unit

Invention: **HUB AND METHOD FOR STORAGE OF A SPIGOT CAP**

I hereby certify that this Patent Application and accompanying documents
are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Patent
Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on

June 27, 2003.

Carole Giacomazzo

(Typed or Printed Name of Person Mailing Correspondence)

Carole Giacomazzo

(Signature of Person Mailing Correspondence)

EL 897036118 US

("Express Mail" Mailing Label Number)

Hon. Commissioner of
Patents & Trademarks
Washington, D.C. 20231

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DATE _____

Atty. JAL
Dkt. no. WLH-10-5743
Date: JUNE 27, 2003

Please confirm receipt of the document(s) checked below by applying your date
stamp (Serial no): TO BE ASSIGNED

Applicant: CHARLES A. WELSH

Title: HUB AND METHOD FOR STORAGE OF A SPIROTOR CAP

Verified Statement Claiming Small Entity Status _____

✓ Spec: 7 pages + TRANSMITTAL (IN DUPLICATE) 16235 U.S. PTO

✓ Claims 3 pages

✓ Drawings 2 pages

✓ Abstract: 1 pages

✓ Declaration, Power of Attorney & Petition 2 pages

Response/Amendment _____ pages

Assignment: _____ pages

✓ Other (describe) ADS; IDS STATEMENT + 1449 FORM + REFS; OF EXPRESS CERTIFICATE
PTHL

Amount: \$ 375⁰⁰ Manner of Paying: CHECK 8767

Date Rec'd. _____

Serial No. TO BE ASSIGNED

EXP. MAIL NO: EL899036119115